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TECH CENTER 1600/2900

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/469,485

DATE: 09/21/2001
TIME: 20:50:42

Input Set : A:\20369Y - SeqList.txt
Output Set: N:\CRF3\09212001\I469485.raw

```
 4 <110> APPLICANT: ZHAO, QINJIAN
 5        SITRIN, ROBERT
 6        ABRAHAM, DICKY G.
 7        GERVAIS, DAVID P.
 8        GIMINEZ, JUAN
 9        WANG, YANG
11 <120> TITLE OF INVENTION: IMPROVED RECOMBINANT HEPATITIS B SURFACE
12        ANTIGEN
14 <130> FILE REFERENCE: 20369Y
16 <140> CURRENT APPLICATION NUMBER: 09/469,485
17 <141> CURRENT FILING DATE: 1999-12-22
19 <150> PRIOR APPLICATION NUMBER: 60/113,400
20 <151> PRIOR FILING DATE: 1998-12-23
22 <160> NUMBER OF SEQ ID NOS: 4
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 4
28 <212> TYPE: PRT
29 <213> ORGANISM: Hepatitis B
31 <220> FEATURE:
32 <221> NAME/KEY: VARIANT
33 <222> LOCATION: (1)...(4)
34 <223> OTHER INFORMATION: Xaa = Any Amino Acid
36 <400> SEQUENCE: 1
37 Cys Xaa Tyr Cys
38  1
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 4
42 <212> TYPE: PRT
43 <213> ORGANISM: Hepatitis B
45 <400> SEQUENCE: 2
46 Cys Lys Thr Cys
47  1
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 351
51 <212> TYPE: DNA
52 <213> ORGANISM: Mouse
54 <400> SEQUENCE: 3
55 gacattgtgc tgacccagtc tccagcaatc atgtctgcat ctccagggga gaaggtcacc     60
56 atgacctgca gtgccagctc aagtgtaagt tacatgtact ggtaccagca gaagccagga    120
57 tcctcccccca gactcctgat ttttgacaca tccaacctgc cttctggagt ccctgttcgc   180
58 ttcagtggca gtgggtctgg gacctcttac tctctcacaa tcagccgaat ggaggctgaa    240
59 gatgctgcca cttattactg ccagcggtgg agtacttacc cacccatcac gttcggaggg    300
60 gggaccaaac tggaaataaa acgggctgat gctgcaccaa ctgtatccat c              351
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 345
64 <212> TYPE: DNA
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```
65 <213> ORGANISM: Mouse
67 <400> SEQUENCE: 4
68 gatgtgcatc ttcaggagtc gggacctgag ctggtgaagc ctggggcttc agtgaagata      60
69 tcctgcaagg cttctggcta ctccttcatt gaccactata taaactgggt gaagcagaag     120
70 cctggacagg gacttgagtg gattggatgc ttttttcctg gaagcggtaa tagtaagtac     180
71 attgagaact tcaggggcaa ggccacattg actgtagaca catcctccag tacagcctac     240
72 atgcagctca gcagcctgac atctgaggac actgctgtct atttctgtgc aagggatgat     300
73 tccgacggag ctatggacta ctggggtcaa ggaaccctcag tcacc                     345
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/469,485

DATE: 09/21/2001
TIME: 20:50:43

Input Set : A:\20369Y - SeqList.txt
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L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1